



Invitation to Scientific Colloquia

**on
January 24th, 2020**

Topic: Novel Frequency References

at

**PTB: Raumzellenbau 11, Seminar room (live)
LUH: Callinstraße 36, 3.0G, Seminar room 317 (telco)**

**Dr. Michael Petersen
FEMTO-ST research institute
France**

9:00-10:00 h

Exploring dual-frequency sub-Doppler spectroscopy for a Cs-microcell based optical atomic clock

**Dr. Daniele Nicolodi
NIST Boulder
USA**

11:00-12:00 h

Sapphire cryogenic high-finesse optical cavity and other pursuits toward improved optical clock performance

**Dr. Isabell Thomann
Rice University
USA**

15:00-16:00 h

Novel Frequency References